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(54) Title: CO-FORMULATIONS OF KITS OF BIOACTIVE AGENTS

(57) Abstract: Provided, among other things, is a formulation or kit comprising: (a) a pharmaceutically effective dosage of one or more a glucose-level-controlling bioactive agents selected from an α -glucodase inhibitor, sulfonylurea, meglitinide, thiazolidine-diones, biguanide, insulin, dual PPAR α/γ agonist, PPAR γ agonist or insulin secretagogue; and (b) a pharmaceutically effective dosage of (i) one or more of an antihypertensive bioactive agent selected from an ACE inhibitor, calcium channel blocker, beta blocker, angiotension II receptor antagonist or diuretic, or (ii) one or more of an anti-dyslipidemia bioactive agent selected from a HMG-CoA reductase inhibitor, bile acid sequestrant, fabric acid derivative, sterol, cholesterol absorption inhibitor, MTP inhibitor or nicotinic acid derivative; wherein: in the case of (i) a combination of a first bioactive agent of group (a) that is metformin with a second bioactive agent of group (b), or (ii) a combination of a first bioactive agent of group (a) that is a thiazolidinedione or dual PPAR α/γ agonist with an angiotension II receptor antagonist, one or more of the following applies: (I) one of the first bioactive agent or the second bioactive agent is formulated for sustained release, and the other is formulated for immediate release, each formulated for once-a-day dosing; or (II) the co-formulation or kit comprises (A) a biguanide and a thiazolidinedione and (B) one or more group (b) bioactive agents.



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